

PARKING



The City operates a parking system of over 6,000 spaces throughout downtown Greenville. The FY 2010-14 Capital Improvement Program funds rehabilitation work at the three of the City's oldest parking facilities.



NORTH LAURENS DECK RESTORATION

Department:	<u>PUBLIC TRANSPORTATION</u>	Ranking:	<u>GROUP A</u>
Status of Project:	<u>NEW PROJECT</u>	Start/Finish Dates:	<u>JULY 2009</u> <u>JUN 2010</u>
Strategic Goal:	<u>3, 5</u>	Project Number:	<u>TBD</u>

Project Description:

This project will rehabilitate and restore the North Laurens parking deck to extend the life of the facility, update the equipment and lighting, and increase the facility's overall security. This facility was built in 1988 and has not had any major repairs or restoration since opening. It currently has a minimum of 20 double-tee joints that are damaged with the remaining tees beginning to show signs of stress. Approximately 70 double-tee bearing pads need replacement, possibly more as the project commences. Two of the double-tees have been impacted by vehicular traffic and need to be repaired. The caulking is nearly non-existent and is causing severe water damage. Both stairwells are damaged and are a safety risk to pedestrians. The lights are fed by exposed conduit, some of which has corroded, and the light fixtures provide a bare minimum of lighting. All of the equipment is showing signs of age and disrepair requiring replacement to extend its life.

Project Justification (Including Relationship to City Strategic Plan Goals/Objectives):

The project will extend the life of this very busy facility, improve safety features, and improve energy efficiency by updating the fixtures and painting the ceiling white to reflect the lighting.

Method for Estimating Cost:

Estimates provided by equipment vendors, painting contractor, lighting contractor, and a structural engineer.

Project Status (As of January 1, 2009):

New project.

PROJECT ITEMS	FUNDING TO-DATE	FY 09/10 COST	FY 10/11 COST	FY 11/12 COST	FY 12/13 COST	FY 13/14 COST	TOTAL PROJECT COST
Planning/Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Site Acquisition Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Improvements	\$0	\$516,189	\$0	\$0	\$0	\$0	\$516,189
Equipment	\$0	\$91,495	\$0	\$0	\$0	\$0	\$91,495
Management	\$0	\$10,000	\$0	\$0	\$0	\$0	\$10,000
TOTAL PROJECT COST	\$0	\$617,684	\$0	\$0	\$0	\$0	\$617,684
PROJECT FUNDING SOURCES (LIST)	FUNDING TO-DATE	FY 09/10 EST. FUNDS	FY 10/11 EST. FUNDS	FY 11/12 EST. FUNDS	FY 12/13 EST. FUNDS	FY 13/14 EST. FUNDS	TOTAL PROJECT FUNDING
Parking Enterprise Fund	\$0	\$617,684	\$0	\$0	\$0	\$0	\$617,684
TOTAL PROJECT FUNDING	\$0	\$617,684	\$0	\$0	\$0	\$0	\$617,684
OPERATIONAL COSTS							
Operating Impact		\$0	\$0	\$0	\$0	\$0	\$0
Cumulative Operating Impact		\$0	\$0	\$0	\$0	\$0	\$0
FTEs Added		0.00	0.00	0.00	0.00	0.00	0.00
Cumulative FTEs Added		0.00	0.00	0.00	0.00	0.00	0.00

COMMONS GARAGE REHABILITATION

Department:	<u>PUBLIC TRANSPORTATION</u>	Ranking:	<u>GROUP B</u>
Status of Project:	<u>PLANNED/PROGRAMMED</u>	Start/Finish Dates:	<u>JULY 2010</u> <u>JUN 2011</u>
Strategic Goal:	<u>3, 5</u>	Project Number:	<u>TBD</u>

Project Description:

This project will make necessary repairs to the Commons garage that will extend the life of the garage and ensure that it complies with safety code requirements. This garage was built in 1982, and two levels were added in 1997. There have not been any major repairs or maintenance on the facility since 1997, and several necessary repairs have been noted during an extensive inspection. Several joint failures have been noted and will need to be repaired. There is exposed reinforcing steel throughout the facility that in some places has become a trip hazard. There is approximately 144 linear feet of spandrel cracks that will need epoxy injections. There is spalling and chips in L-beams and exterior spandrels that will require repair as well as corrosion on several exterior spandrel to column connections. It was also noted that the current cabling in the interior of facility does not meet safety code and needs to be modernized to bring it into code.

Project Justification (Including Relationship to City Strategic Plan Goals/Objectives):

The project will bring the facility up to code. This project focuses on structural improvements to extend the facility's useable life and does not include additional cosmetic improvements.

Method for Estimating Cost:

Estimates based on a walk-through inspection with City's structural engineer.

Project Status (As of January 1, 2009):

New project.

PROJECT ITEMS	FUNDING TO-DATE	FY 09/10 COST	FY 10/11 COST	FY 11/12 COST	FY 12/13 COST	FY 13/14 COST	TOTAL PROJECT COST
Planning/Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Site Acquisition Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Improvements	\$0	\$0	\$681,507	\$0	\$0	\$0	\$681,507
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Management	\$0	\$0	\$10,000	\$0	\$0	\$0	\$10,000
TOTAL PROJECT COST	\$0	\$0	\$691,507	\$0	\$0	\$0	\$691,507
PROJECT FUNDING SOURCES (LIST)	FUNDING TO-DATE	FY 09/10 EST. FUNDS	FY 10/11 EST. FUNDS	FY 11/12 EST. FUNDS	FY 12/13 EST. FUNDS	FY 13/14 EST. FUNDS	TOTAL PROJECT FUNDING
Parking Enterprise Fund	\$0	\$0	\$691,507	\$0	\$0	\$0	\$691,507
TOTAL PROJECT FUNDING	\$0	\$0	\$691,507	\$0	\$0	\$0	\$691,507
OPERATIONAL COSTS							
Operating Impact		\$0	\$0	\$0	\$0	\$0	\$0
Cumulative Operating Impact		\$0	\$0	\$0	\$0	\$0	\$0
FTEs Added		0.00	0.00	0.00	0.00	0.00	0.00
Cumulative FTEs Added		0.00	0.00	0.00	0.00	0.00	0.00

CHURCH STREET GARAGE REHABILITATION

Department:	<u>PUBLIC TRANSPORTATION</u>	Ranking:	<u>GROUP B</u>
Status of Project:	<u>PLANNED/PROGRAMMED</u>	Start/Finish Dates:	<u>JULY 2011</u> <u>JUN 2012</u>
Strategic Goal:	<u>3, 5</u>	Project Number:	<u>TBD</u>

Project Description:

This project will rehabilitate the Church Street garage to extend its useable life. This garage was built in 1998 and is primarily used for Bi-Lo Center events and minimal transient and monthly parkers. Spalling is reoccurring on a t-beam of the fifth level, and the bearing pad under the beam is sliding out from beneath it. In addition, the stems of the beam are cracking and need to be repaired on both ends. All steel connections are showing signs of corrosion and will need to be repainted. Several spandrels have cracks and will need to be repaired as well as spalling and chipping in approximately 20 locations throughout the garage. In addition, the top deck should be sealed to avoid water damage.

Project Justification (Including Relationship to City Strategic Plan Goals/Objectives):

The project will make the necessary repairs that are needed to restore the facility and extend its life.

Method for Estimating Cost:

Estimates based on a walk-through inspection with City's structural engineer.

Project Status (As of January 1, 2009):

New project.

PROJECT ITEMS	FUNDING TO-DATE	FY 09/10 COST	FY 10/11 COST	FY 11/12 COST	FY 12/13 COST	FY 13/14 COST	TOTAL PROJECT COST
Planning/Design	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Site Acquisition Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Improvements	\$0	\$0	\$0	\$507,000	\$0	\$0	\$507,000
Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Management	\$0	\$0	\$0	\$50,000	\$0	\$0	\$50,000
TOTAL PROJECT COST	\$0	\$0	\$0	\$557,000	\$0	\$0	\$557,000
PROJECT FUNDING SOURCES (LIST)	FUNDING TO-DATE	FY 09/10 EST. FUNDS	FY 10/11 EST. FUNDS	FY 11/12 EST. FUNDS	FY 12/13 EST. FUNDS	FY 13/14 EST. FUNDS	TOTAL PROJECT FUNDING
Parking Enterprise Fund	\$0	\$0	\$0	\$557,000	\$0	\$0	\$557,000
TOTAL PROJECT FUNDING	\$0	\$0	\$0	\$557,000	\$0	\$0	\$557,000
OPERATIONAL COSTS							
Operating Impact		\$0	\$0	\$0	\$0	\$0	\$0
Cumulative Operating Impact		\$0	\$0	\$0	\$0	\$0	\$0
FTEs Added		0.00	0.00	0.00	0.00	0.00	0.00
Cumulative FTEs Added		0.00	0.00	0.00	0.00	0.00	0.00

